# Attachment 10 Cost and Benefits Summary

Attachment 10 provides the required Cost and Benefits Summary.

#### **ATTACHMENT 10**

### **COST AND BENEFITS SUMMARY**

## UPPER SANTA MARGARITA WATERSHED PLANNING REGION IRWM PROP 84 ROUND 1 IMPLEMENTATION PROPOSAL

#### Introduction

The Upper Santa Margarita Watershed Planning Region IRWM Implementation Proposal includes a suite of five projects that, when implemented both individually and collectively, will provide water supply benefits, water quality benefits, and a variety of other expected benefits. This attachment fulfills the requirement to provide an overall estimate for the benefits of the projects. The following table summarizes the costs and benefits for all projects in the grant application.

(a) (b) (c) (d) (e) (f) (g) (h) (g) / (d) + (e) + (f) (g) / (f) (d) + (e) + (f) (g) / (f) (e) + (f) (g) / (f) (f) (f) (f) (g) / (f) (g) / (f) (g) / (f) (g) / (g) / (g) (g) (g) (g) / (g)	Table 20 - Proposal Project Costs and Benefits Summary								
Project Agency Total Present Value Project Costs (1)  (a)  (b)  (c)  (d)  (e)  (f)  (d) + (e) + (f)  (g)  (d) + (e)  (g)  (g)  (g)  (g)  (g)  (g)  (g)	Upper Santa Margarita Watershed Planning Region IRWM Prop 84 Round 1 Implementation Funding								
Project Agency Value Project Costs (1)  (a)  (b)  (c)  (d)  (e)  (f)  (g)  (h)  (d) + (e) + (f)  (g)  (e)  Vail Lake Stabilization and Conjunctive Use Project  Agricultural Irrigation  Efficiency Program  Rancho California Water  District  S1,051,181  S1,329,248  S0  S1,708,049  S3,037,297  S1,978,202	Rancho California Water District								
Project Agency Value Project Costs (1) Water Supply (2) Damage Reduction (3) Other (4) Total B/C Rate Costs (1) (2) Costs (1) Damage Reduction (3) Other (4) Total B/C Rate Costs (1) (2) Costs (1) Damage Reduction (3) (3) (4) (6) (6) (7) (6) (7) (10) (10) (10) (10) (10) (10) (10) (10				Total Present Value Project Benefits					
Columbia	Project	Agency	Value Project		Damage Reduction	Other (4)	Total	B/C Ratio	
Vail Lake Stabilization and Conjunctive Use ProjectRancho California Water District\$20,093,982\$57,285,607\$0\$0\$57,285,607\$2.9Agricultural Irrigation Efficiency ProgramRancho California Water 	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Conjunctive Use Project  Agricultural Irrigation Efficiency Program  Rancho California Water District  WR-34 Hydroelectric Power Generation Project  Rancho California Water District  Rancho California Water District  S1,051,181  S1,329,248  S0  S1,708,049  S1,708,049  S3,037,297  S1,978,202							(d) + (e) + (f)	(g) / (c)	
Efficiency Program  District  WR-34 Hydroelectric Power Generation Project  Rancho California Water District  \$1,305,788  \$0  \$1,708,049  \$3,037,297  2.9  \$1,978,202	, —		\$20,093,982	\$57,285,607	\$0	\$0	\$57,285,607	2.9	
Generation Project  District  \$1,305,788  \$0  \$1,978,202  \$1,978,202  \$1,978,202  1.5  Water Quality Enhancement in Riverside County Flood Control and Water  \$371,743  Ouantified Quantified Quantifi			\$1,051,181	\$1,329,248	\$0	\$1,708,049	\$3,037,297	2.9	
Riverside County  Control and Water \$371,743   Not   N	<u> </u>		\$1,305,788	\$0	\$0	\$1,978,202	\$1,978,202	1.5	
		Control and Water	\$371,743					Not Quantified	
Implementing Nutrient Management in the Santa Margarita River Watershed - Phase I  Riverside County Flood Control and Water Standard Stand	Management in the Santa Margarita River Watershed -	Control and Water	\$1,534,082	\$15,232,606	0	0	\$15,232,606	9.9	
TOTAL \$24,356,776 \$73,847,461 \$0 \$3,686,251 \$77,533,712 3.2	TOTAL		\$24,356,776	\$73,847,461	\$0	\$3,686,251	\$77,533,712	3.2	